



# UNITED STATES PATENT AND TRADEMARK OFFICE

United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

Kelly

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657,446	09/08/2003	Roger Gustavsson	4740-218	1412
24112	7590	10/05/2007	EXAMINER	
COATS & BENNETT, PLLC 1400 Crescent Green, Suite 300 Cary, NC 27518			TRAN, CONGVAN	
		ART UNIT		PAPER NUMBER
		2617		
		MAIL DATE		DELIVERY MODE
		10/05/2007		PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/657,446	GUSTAVSSON ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	CongVan Tran	2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 27 August 2007.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) 2-5,7,11,12,14,18,21,24-26 and 28 is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1,6,8-10,13,15-17,19,20,22,23,27 and 29 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date: _____	6) <input type="checkbox"/> Other: _____

**DETAILED ACTION*****Response to Arguments***

1. Applicant's arguments, see Remark, filed on Aug. 27, 2007, with respect to the rejection(s) of claim(s) 1, 6, 8-10, 13, 15-17, 19-20, 22-23, 27, and 29 under 102(e) have been fully considered and are persuasive. Therefore, the final rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Dougherty et al. (6,141,556).

2. Claims 2-5, 7, 11-12, 14, 18, 21, 24-26, and 28 have been canceled.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

((b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 6, 8-10, 13, 15-16, 17, 19-20, 22-23, 27 and 29 are rejected under 35 U.S.C. 102(b) as being anticipated by Hummelgren et al. (6,307,845).

Regarding claims 1, 6, 8-9, 17, 19-20, 22-23, 27 and 29, Hummelgren discloses a processing packet-switched voice calls directed to mobile unit operating in circuit-switched mode, comprising: receiving an incoming voice call for a mobile station that is busy in a packet-switched data call (see abstract, fig.3, elements 32, 30, col.2, lines 30-42, fig.4, steps 21, 23 and its description); sending an incoming call notification to the mobile station via signaling over an existing traffic channel allocated to the data call (see figs.4-5, step 51, col.2, line 64-col.3, line 23 and its description); and reconfiguring

Art Unit: 2617

the existing traffic channel to support the incoming voice call and delivering the incoming voice call to the mobile station via the reconfigured existing traffic channel (see figs.6-10 and its description).

Regarding claims 10, 13, and 15-16, Hummelgren discloses a processing packet-switched voice calls directed to mobile unit operating in circuit-switched mode, comprising: receiving an incoming voice call indication at a Base Station (BS) that is targeted to a mobile station busy in a packet-switched data call (see abstract, fig.3, element 32, col.2, lines 30-42, fig.4, steps 21, 23 and its description); and sending a call notification message to the mobile station and, responsive to receiving a return acknowledgment from the mobile station, reconfiguring the service connection of the mobile station to deliver the incoming voice call using the existing traffic channel (see figs.4-5, step 51, col.2, line 64-col.3, line 23, figs.6-10 and its description).

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

Art Unit: 2617

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.



CONGVAN TRAN  
PRIMARY EXAMINER

CongVan Tran  
Primary Examiner  
Art Unit 2617

Oct. 01, 2007.